

**DECLARATION and POWER OF ATTORNEY**

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SECRETED PROTEIN, BA3.1,  
AND POLYNUCLEOTIDES ENCODING SAME**

the specification of which  
(check one) ☒ is attached hereto.

was filed on \_\_\_\_\_ as  
Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
_____	_____	_____	YES/NO
_____	_____	_____	YES/NO

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

EM540253868 US

Express Mail® mailing label number: \_\_\_\_\_  
 Date of Deposit: 12 MARCH 1998  
 I hereby certify that this paper or fee is being  
 deposited with the United States Postal Service  
 "Express Mail Post Office to Addressee" service  
 under 37 C.F.R. 1.10 on the date indicated above  
 and is addressed to the Commissioner of Patents  
 and Trademarks, Washington, D.C. 2023  
*[Signature]*



**DECLARATION and POWER OF ATTORNEY**

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SECRETED PROTEIN, BA3.1,  
AND POLYNUCLEOTIDES ENCODING SAME**

the specification of which  
(check one)

is attached hereto.

X was filed on March 12, 1998 as  
Application Serial No. 09/041,159  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
_____	_____	_____	YES/NO
_____	_____	_____	YES/NO

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
<u>08/818,163</u>	<u>March 14, 1997</u>	<u>Pending</u>
_____	_____	_____


I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. DesRosier, Reg. No. 30,168  
Ellen J. Kapinos, Reg. No. 32,245  
Steven R. Lazar, Reg. No. 32,618  
Scott A. Brown, Reg. No. 32,724  
Suzanne A. Sprunger, Ph.D., Reg. No. 41,323

Address all telephone calls to Suzanne A. Sprunger at Telephone No. (617) 498-8284. Address all correspondence to **LEGAL AFFAIRS, GENETICS INSTITUTE, INC., 87 CambridgePark Drive, Cambridge, Massachusetts 02140.**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Michael Bowman

Inventor's signature  3/23/98  
Date

Residence 50 Aldrich Road, Canton, Massachusetts U.S.A. 02021

Citizenship United States

Post Office Address 50 Aldrich Road, Canton, Massachusetts U.S.A. 02021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Jacobs *et al.*

Serial No.: 09/041,159

Filed: March 12, 1998

For: *Secreted Protein, BA3.1, and Polynucleotides  
Encoding Same*

Attorney Docket No.: GIN-5295CP (formerly GIN-5295A)

Group Art Unit: 1653

Examiner: E. Longton

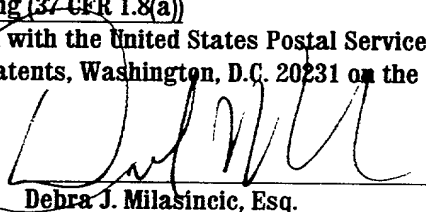
Commissioner for Patents  
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

June 28, 2001  
Date of Signature and of Mail Deposit

By:

  
Debra J. Milasincic, Esq.  
Reg. No. 49,631  
Attorney for Applicants

REVOCATION OF PRIOR POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW POWER OF ATTORNEY

Dear Sir:

GENETICS INSTITUTE INC., the Assignee of the entire right, title and interest in the above-identified application by virtue of an executed Assignment document recorded in the U.S. Patent and Trademark Office for U.S. Serial No. 09/041,159 on March 12, 1998, Reel 9060 Frame 0810 hereby revokes all Powers of Attorney with respect to that application heretofore granted and appoints the below listed attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

James E. Cockfield Reg. No. 19,162  
Thomas V. Smurzynski Reg. No. 24,798  
Ralph A. Loren Reg. No. 29,325  
Giulio A. DeConti, Jr. Reg. No. 31,503  
Ann Lamport Hammitte Reg. No. 34,858  
Elizabeth A. Hanley Reg. No. 33,505  
Amy E. Mandragouras Reg. No. 36,207  
Anthony A. Laurentano Reg. No. 38,220  
Jane E. Remillard Reg. No. 38,872  
Jeremiah Lynch Reg. No. 17,425  
Kevin J. Canning Reg. No. 35,470  
Jeanne M. DiGiorgio Reg. No. 41,710  
Megan E. Williams Reg. No. 43,270  
Nicholas P. Triano III Reg. No. 36,397

Peter C. Lauro Reg. No. 32,360  
DeAnn F. Smith Reg. No. 36,683  
David J. Ridders Reg. No. 43,882  
Maria C. Laccotripe Limited Recognition  
Under 37 C.F.R. § 10.9(b)  
Debra J. Milasincic Reg. No. 46,931  
David R. Burns Reg. No. 46,590  
Sean D. Detweiler Reg. No. 42,482  
Peter S. Stecher Reg. No. 47,259  
Cynthia L. Kanik Reg. No. 37,320

of LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, Massachusetts 02109,  
United States of America, and

Ellen J. Kapinos Reg. No. 32,245  
Barbara A. Gyure Reg. No. 34,614  
Andrea Ryan Reg. No. 28,469  
Elizabeth A. Hurley Reg. No. 41,859

of 87 CambridgePark Drive, Cambridge, Massachusetts 02140, United States of America,

Egon E. Berg Reg. No. 21,117  
Gale F. Matthews Reg. No. 32,269  
Darryl L. Webster Reg. No. 34,276  
Elizabeth M. Barnhard Reg. No. 31,088  
Alan M. Gordon Reg. No. 30,637

of One Campus Drive, Parsippany, New Jersey 07054, United States of America, and

Rebecca R. Barrett Reg. No. 35,152  
Arnold S. Milowsky Reg. No. 35,288  
George Tarnowski Reg. No. 27,472  
Steven R. Eck Reg. No. 36,126  
Michael R. Nagy Reg. No. 33,432

of P.O. Box 8299, Philadelphia, Pennsylvania 19101, United States of America.

Please send all mail correspondence relating to the above patent application to:

Amy E. Mandragouras, Esq.  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, MA 02109  
(617) 227-7400

Please direct all telephone calls to Amy E. Mandragouras, Esq. at (617) 227-7400.

GENETICS INSTITUTE, INC

By: M. Andrea Ryan

Typed Name: M. Andrea Ryan *Assistant Secretary, Genetics Institute*

Title: Vice President, Associate General Counsel

Dated: 6/15/01